

In re Patent Application of:
CLARKE
Serial No. 10/777,936
Filing Date: February 12, 2004

REMARKS

The Examiner is thanked for the careful examination of the present application. In view of the arguments presented in detail below, it is submitted that all claims are patentable over the prior art.

I. The Claimed Invention

Independent Claim 1 is directed to a communications system, which includes a plurality of data storage devices and mobile wireless communications devices which may use different operating protocols. The system further includes a protocol interface device which includes a protocol engine module for communicating with the data storage devices using respective operating protocols, and a front-end proxy module coupled to the protocol engine module. The front-end proxy module includes a respective proxy module for communicating with the mobile wireless communications device using each respective operating protocol, and one or more common core service modules. The protocol interface device also includes a configuration file module for storing a plurality of different sets of configuration files relating to different allocations of resources of the common core service module(s). The at least one common core service module allocates resources based upon a given service to be performed and a corresponding set of configuration files stored in the configuration file module.

Independent Claim 12 is directed to a protocol interface device related to independent Claim 1. Independent

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Claim 17 is similar to independent Claim 12 but recites a plurality of communications devices rather than a plurality of wireless communications devices. Independent Claim 22 is a method counterpart to independent Claim 1. Independent Claim 27 is directed to a computer-readable medium related to independent Claim 1.

II. The Claims Are Patentable

The Examiner rejected independent Claims 1, 12, 17, 22, and 27 over the combination of Poor et al. and Song et al. Poor et al. discloses an intermediate server or system having knowledge of application program protocols used by the application programs on a user's wireless device. The intermediate server receives information communicated from the device via a transport level protocol. This information is subsequently transmitted by the intermediate server, in accordance with the appropriate application program protocol, to a remote server or system that services the application or program in use by that person.

Song et al. discloses a browser session mobility (BSM) system that allows a user of a mobile wireless communications device to save and restore the runtime state of a web browser executed thereby. The BSM system includes a browser state repository (BSR) device module executed by the mobile wireless communications device. At the user's direction, the BSR device module records the runtime state of the web browser being executed by the mobile wireless communications device and sends it to a repository server having a BSR repository module. At the

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user's command, the BSR device module downloads the runtime state of the web browser and restores those runtime values to the web browser. (See paragraphs 42-51 of Song et al.)

The Examiner contended that the BSR repository module of Song et al. is the at least common core module of independent Claim 1, for example. The Examiner also contended that the restoration of previously stored runtime values by the BSR module is the allocation of resources based upon a given service to be performed. Applicant notes that the Examiner stated that paragraph 91 of Song et al. discloses the storage of browser snapshots according to user criteria. Applicant kindly points out that the Examiner has misread Song et al. Paragraph 91 of Song et al., as stated above instead discloses the storage of browser snapshots according to user identity.

It is respectfully submitted that the combination of Poor et al. and Song et al. fails to disclose that the protocol interface device includes a configuration file module for storing a plurality of different sets of configuration files relating to different allocations of resources of the common core service module(s), as recited in independent Claim 1. The Examiner contended that the storage of browser snapshots (runtime states) according to the identification of user, disclosed by Song et al. in paragraph 91, is the configuration module of independent Claim 1. The storage of a browser snapshot or runtime states according to user identity, however, is not the storage of a plurality of different sets of configuration files. Moreover, the storage of browser snapshots or runtime states according to user identity in no way relates to different allocations of resources.

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In fact, the storage of browser snapshots or runtime states according to user identity does not disclose a plurality of different sets of configuration files whatsoever. This merely indicates that the files browser snapshots or runtime states are stored in files labeled according to user identity, for example. No reasonable interpretation of Song et al. discloses the existence of a plurality of different sets of configuration files.

Accordingly, Song et al. does not disclose that the protocol interface device includes a configuration file module for storing a plurality of different sets of configuration files relating to different allocations of resources of the common core service module(s). Poor et al. fails to supply this critical deficiency of Song et al.

In conclusion, the combination of Poor et al. and Song et al. fails to disclose the above noted features of independent Claim 1, which is therefore patentable. Independent Claims 12, 17, 22, and 27 contain similar recitations and are patentable for the same reasons. The dependent claims, which recite yet further distinguishing details, are also patentable and require no further discussion herein.

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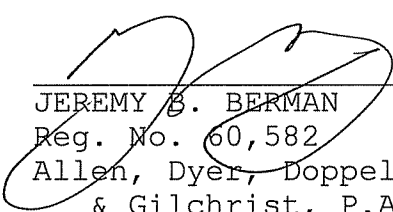
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III. CONCLUSION

In view of the arguments provided herein, it is submitted that all the claims are patentable. Accordingly, a Notice of Allowance is requested in due course. Should any minor informalities need to be addressed, the Examiner is encouraged to contact the undersigned attorney at the telephone number listed below.

Respectfully submitted,



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